# BIRD MIGRATION RECORDS FROM SOUTHEASTERN WYOMING

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In our study we have found it convenient to divide the birds occurring in southeastern Wyoming into four groups: I. Permanent residents. In some cases these have vertical migration on the mountain sides. However, few if any leave the region. II. Birds that are partially migratory, but which are represented in this region throughout the year by at least some individuals. III. Accidental, casual, rare, extinct, or other birds which have been recorded from this portion of the state without dates or with dates which have little or no value as migration records. IV. Migratory birds for which we have dates giving some information concerning their movements.

The names of the birds found in this region are accordingly listed in the four groups just explained.

I. Permanent residents: Golden Eagle, Aquila chrysaëtos canadensis; Dusky Grouse, Dendragapus obscurus obscurus: Southern White-tailed Ptarmigan, Lagopus leucurus altipetens; Columbian Sharp-tailed Grouse, Pedioecetes phasianellus columbianus; Prairie Sharp-tailed Grouse, Pedioecetes phasianellus campestris; Sage Hen, Centrocercus urophasianus: Eastern Bob-white, Colinus virginianus virginianus; Ring-necked Pheasant, Phasianus colchicus torquatus; Rocky Mountain Screech Owl, Otus asio maxwelliac; Montana Horned Owl. Bubo virginianus occidentalis; Long-earcd Owl, Asio wilsonianus; Saw-whet Owl, Cryptoglaux acadica acadica; Rocky Mountain Hairy Woodpecker, Dryobates villosus monticola; Batchelder's Woodpecker. Dryobates pubescens leucurus; Alpine Three-tocd Woodpecker, Picoides tridactylus dorsalis; Rocky Mountain Jay. Perisoreus canadensis capitalis: Black-headed Jay. Cyanocitta stelleri annectens; Longcrested Jay, Cyanocitta stelleri diademata; American Magpic, Pica pica hudsonia; Clark's Nutcracker. Nucifraga columbiana; Long-tailed Chickadec, Penthestes atricapillus septentrionalis; Mountain Chickadee. Penthestes gambeli gambeli; Rocky Mountain Nuthatch, Sitta carolinensis nelsoni; Dipper, Cinclus mexicanus unicolor; English Sparrow, Passer domesticus domesticus; and Rocky Mountain Pine Grosbeak. Pinicola enucleator montana.

II. Partially migratory birds: Common Mallard, Anas platyrhynchos platyrhynchos; Green-winged Teal, Nettion carolinense; Barrow's Golden-eye, Glaucionetta islandica; American Merganser, Mergus merganser americanus; Ferruginous Rough-leg, Buteo regalis: Marsh Hawk, Circus hudsonius; Prairie Falcon, Falco mexicanus; Wilson's Snipe, Capella delicata; Eastern Belted Kingfisher. Megaceryle alycon alycon; Red-shafted Flicker, Colaptes cafer collaris; Desert Horned Lark, Otocoris alpestris leucolaema; Saskatchewan Horned Lark, Otocoris alpestris enthymia; Piñon Jay, Cyanocephalus cyanocephalus; Red-breasted Nuthateh, Sitta canadensis; Rocky Mountain Creeper, Certhia familiaris montana; Townsend's Solitaire, Myadestes townsendi; Western Meadowlark, Sturnella neglecta; Thick-billed Redwing, Agelaius phoeniceus fortis; Western Evening Grosbeak, Hesperiphona vespertina brooksi; Common House Finch, Carpodacus mexicanus frontalis; Northern Pinc Siskin, Spinus pinus pinus; Pale Goldfinch. Spinus tristis pallidus; Bendire's Crossbill, Loxia curvirostra bendirei; and Mountain Song Sparrow, Melospiza melodia fallax.

Accidental, easual, rare, extinct, or other birds for which III. we do not have adequate migration records: Eastern Brown Pelican. Pelecanus occidentalis occidentalis (7); Eastern Green Heron, Butorides virescens virescens; Eastern Least Bittern, Ixobrychus exilis exilis (23); Trumpeter Swan. Cygnus buccinator (23); Hutchin's Goose, Branta canadensis hutchinsi (23); Blaek Brant, Branta nigricans: White-fronted Goose, Anser albifrons albifrons (23); Lesser Snow Goose. Chen hyperborea hyperborea; European Widgeon. Mareca penclope (21); Wood Duek, Aix sponsa (23); American Scoter, Oidemia americana (23); Hooded Merganser, Lophodytes cucultatus (23); Bald Eagle, Haliaeetus leucocephalus ssp.: Osprey. Pandion haliaëtus carolinensis; Greater Prairie Chieken, Tympanuchus cupido americanus: California Gull, Larus californicus (21); Short-billed Gull, Larus canus brachyrhynchus (21); Sabine's Gull, Xema sabini (21); Common Tern. Sterna hirundo hirundo (23); Passenger Pigeon. Ectopistes migratorius (2): Yellow-billed Cuckoo, Coccyzus americanus americanus (21): Snowy Owl, Nyctea nyctea (23): Northern Flicker, Colaptes auratus luteus; Natalie's Sapsueker, Sphyrapicus thyroideus nataliae: Northern Crested Flyeatcher, Myiarchus crinitus boreus (23); Ash-throated Flycatcher. Myiarchus cinerascens cinerascens (23): Purple Martin, Progne subis subis; Woodhouse's Jay, Aphelocoma californica woodhousei (21); American Raven, Corvus corax sinuatus; Short-billed Marsh Wren, Cistothorus stellaris (23); Eastern Bluebird, Sialia sialis sialis; Chestnut-backed Bluebird, Sialia mexicana bairdi; Gnatcatcher. Polioptila caerulea ssp.; Black-throated Blue Warbler. Dendroica caerulescens caerulescens (21); Bicolored Red-wing, Agelaius phoeniceus californicus (11): Searlet Tanager, Piranga erythromelas (6); Dickcissel. Spiza americana: Black Rosy Fineh, Leucosticte atrata (23); Brown-eapped Rosy Fineh, Leucosticte australis; and White-winged Crossbill, Loxia leucoptera (19).

IV. Migratory birds, for which we have the following records: LESSER LOON. Gavia immer elasson. Transient. Earliest spring record: April 21, 1934, Lake Hattie (Mickey). Average of first spring records, four years: April 30. Latest spring record: one found a few hours after it had been killed, June 11, 1933, Rex Lake, Albany County (R. O. Westley). Earliest fall record: one collected October 22, 1933, Carroll Lakes (H. Thomas). Latest fall record: November 12, 1932, Lake Hattie (H. Thomas).

HOLBOELL'S GREBE. Colymbus grisegena holboelli. Transient. We have only three records with dates: June 10, 1928, Lake Hattie (McCreary); June 12, 1929, Torrington (McCreary); and one specimen taken October 18, 1893. Douglas (Jeserun) (23).

HORNED GREBE. Colymbus auritus. Transient. Two records of specimens taken: May 15, 1876, near Ft. Sanders (Brackett) (9); and September 6, 1923, near Wheatland (Fuller) (20).

EARED GREBE. Colymbus nigricollis californicus. Earliest spring record: April 18, 1930, Hutton Lake (McCreary). Average of first spring records, nine years: April 26. Average of last fall records. eight years: November 16. Latest fall record: December 4, 1932. Laramie City Reservoir (McCreary).

WESTERN GREBE. Aechmophorus occidentalis. Exceptionally early spring record: one seen April 14, 1934, Hutton Lake (Mickey). Average of first spring records, three other years (May 6-14): May 10. Average of last fall records, four years: October 12. Latest fall record: October 25, 1930, Hutton Lake (McCreary).

PIED-BILLED GREBE. *Podilymbus podiceps podiceps*. Earliest spring record: April 11, 1931. Hutton Lake (McCreary). Average of first spring records, six years: April 27. Latest fall record: October 25, 1930, Hutton Lake (McCreary).

WHITE PELICAN. *Pelecanus erythrorhynchos*. Transient. Earliest spring record: April 29, 1933, Creighton Lake (Mickey). Latest spring record: one taken May 9, 1875, Hutton Lake (Brackett) (9). Earliest fall record: twclve seen August 29, 1925, ten miles northwest of Rock River (J. W. Scott). Latest fall record: October 7, 1934, Hutton Lake (Mickey).

DOUBLE-CRESTED CORMORANT. Phalacrocorax auritus auritus. Transicnt. Earliest spring record: May 7, 1930. Twin Buttes Lake, Albany County (McCreary). Latest spring record: June 24, 1928. Bamforth Lake (McCreary). Earliest fall record: August 6, 1933. Wheatland Reservoir (McCreary). Latest fall record: October 26, 1930, Hutton Lake (McCreary). TRECANZA'S HERON. Ardea herodias treganzai. Earliest spring record: March 26, 1932, Laramie (Thomas and Nelson). Average of first spring records, cleven years: April 3. Average of last fall records, ten years: October 5. Latest fall record: November 2, 1927. Wheatland (J. Neilson) (26).

BREWSTER'S ECRET. *Egretta thula brewsteri*. Earliest spring record: one taken about May 1, 1902. Sportsman's Lake. Albany County (Lindsey) (23). Avcrage of spring records. five years, May 16. Our latest record is July 28. 1929, Torrington (McCreary).

BLACK-CROWNED NIGHT HERON. Nycticorax nycticorax hoactli. Earliest spring record: April 10, 1927, Laramie (McCreary). Average of first spring records, nine years: April 17. Average of last fall records. seven years: October 1. Latest fall record: Oetober 21, 1933, Laramie (McCreary).

AMERICAN BITTERN. *Botaurus lentiginosus*. Earliest spring rccord: one taken April 23. 1875. Fort Sanders. Albany County (Brackett) (8). Average of first spring records, three years: April 25. Latest fall record: October 19. 1930. Torrington (McCreary).

WHITE-FACED GLOSSY IBIS. *Plegadis guarauna*. Two records: one taken May 20, 1910. Hat Creek. Niobrara County (G. D. Pcreival) (21); and one seen July 11, 1933. Hutton Lake (Mr. and Mrs. Mickey).

WHISTLING SWAN. Cygnus columbianus. Transient. Horace Thomas reports seeing this bird in the spring but we do not have the dates. Earliest fall record: October 25, 1930. Lake Hattie. Average of first fall records, three years: November 3. Latest fall record: November 30, 1933. Hutton Lake (McCreary).

CANADA GOOSE. Branta canadensis ssp. The records given are sight records and may include both of the two subspecies (canadensis and hutchinsi) migrating through this region. Earliest spring record: about fifty seen March 29, 1928. Laramie (McCreary). Average of first spring records. three years: April 5. Average of last fall records, three years: November 15. Latest fall records: November 24, 1932. Lake Hattie (McCreary). One winter record: January 2. 1928, Laramie River, Albany County (McCreary). James Neilson (26) reports seeing them in winter near Wheatland.

BLACK DUCK. Anas rubripes ssp. There are three spring records: one taken April 12, 1875, Ft. Sanders. Albany County (Brackett) (8); one seen May 12, 1929. Cheyenne (J. Gundlach); and one scen May 15, 1934, Bamforth Lake (McCreary). A. G. Burckert reports taking this duck in the fall at Sodergreen Lake, Albany County.

GADWALL. Chaulelasmus streperus. Earliest spring record: March 14, 1933, Laramie (McCreary). Average of first spring records, nine years: March 30. Average of last fall records, five years, November 15. Latest fall record: November 30, 1933, Twelvemile Lake (McCreary). We have one winter record: December 26, 1928, Torrington (McCreary).

BALDPATE. Mareca americana. Earliest spring record: March 25, 1934, Ninemilc Lake (Mickey). Average of first spring records, nine years: April 7. Average of last fall records, six years: November 20. Latest fall record: one taken December 6, 1927, Laramie (A. McIntosh). Winter records: January 1, 1930, Torrington, and December 31, 1933, Lake Hattie (McCreary).

AMERICAN PINTAIL. Dafila acuta tzitzihoa. Occasionally seen in winter. Small flocks arrive in March. Earliest: February 28, 1932. Lake Hattie (E. Lovejoy). Large flocks arrive in late March or early April. Average of last autumn records, four years: November 15.

BLUE-WINGED TEAL. Querquedula discors. Earliest spring records: April 15, 1933, Laramic (Mickey); and April 15, 1934, Hutton Lake (Mickey). Average of first spring records, 10 years: April 25. Latest fall record: October 21, 1928, Laramic Plains (McCreary).

CINNAMON TEAL. Querquedula cyanoptera. Earliest spring record: April 2, 1933, Creighton Lake (Mickey). Average of first spring records, ten years: April 15. Latest fall record: October 9, 1927, Bamforth Lake (McCreary).

SHOVELER. Spatula clypeata. Exceptionally early spring record: February 26, 1928, Wheatland Flats (McCreary). Average of first spring records, nine other years (March 25-April 16): April 5. Average of last fall records, five years: November 15. Latest fall records: November 26, 1932 and 1933, Bamforth Lake (McCreary).

REDHEAD. Nyroca americana. Earliest spring record: February 28, 1932, Lake Hattie (E. Lovejoy). Average of first spring records nine years: March 23. Average of last fall records, five years: November 11. Latest fall record: November 19, 1933, Lake Hattie (McCreary). One winter record: February 4, 1934, Wheatland Flats on irrigation reservoir (McCreary).

RING-NECKED DUCK. Nyroca collaris. Earliest spring record: April 14, 1934, Hutton Lake (Mickey). Average of last fall records. six years, November 12. Latest fall record: December 3, 1932, Twelvemile Lake (McCreary). Winter records: December 30 and 31, 1928. Platte River near Guernsey (McCreary). CANVAS-BACK. Nyroca valisineria. Earliest spring records: April 2, 1933, Soda Lakes (McCreary); and April 2, 1934. Carroll Lakes (McCreary). Average of first spring records, seven years: April 6. Average of last fall records, four years: November 15. Latest fall record: November 30, 1933. Bamforth Lake (H. Thomas).

GREATER SCAUP DUCK. Nyroca marila. Transient. Earliest spring record: April 2, 1934. Carroll Lakes (McCreary). Average of first spring records, three years: April 6. Latest spring record: one collected April 12, 1875, Ft. Sanders, Albany County (Brackett) (8). One fall record: October 25, 1930, Hutton Lake (McCreary).

LESSER SCAUP DUCK. Nyroca affinis. Earliest spring records: one collected March 25, 1928, Sevenmile Lake (A. McIntosh); and forty seen March 25, 1934, Ninemile and Twelvemile Lakes (Mickey). Average of first spring records, nine years: April 1. Average of last fall records, six years: November 19. Latest fall record: December 10, 1933, Twelvemile Lake (R. Honess).

AMERICAN GOLDEN-EYE. Glaucionetta clangula americana. Winter visitant. Earliest fall record: November 5, 1933. Laramie City Reservoir (Mickey). Average of first fall records, two years: November 9. Average of last spring records, two years: May 11. Latest spring record: May 12, 1929, Cheyenne (J. Gundlach).

BUFFLE-HEAD. Charitonetta albeola. Transient. Earliest spring record: April 16, 1933. Twelvcmile Lake (Mickey). Average of first spring records, six years: April 20. Average of last spring records. two years: May 15. Latest spring record: May 17, 1932. Hawk Springs Reservoir (McCreary). Earliest fall record: October 3, 1926, Ninemile Lake (McCreary). Average of first fall records, six years: October 17. Average of last fall records, six years: November 6. One winter record: three seen January 1, 1934, Lake Hattie (McCreary).

WHITE-WINGED SCOTER. *Melanitta deglandi*. Transient. Onc spring record: May 15, 1934, Bamforth Lake (McCreary). Earliest fall record: one taken November 3, 1934, Carroll Lakes (H. Gilbert). Latest fall record: one taken November 11, 1934, Wheatland Reservoir.

SURF SCOTER. Melanitta perspicillata. One collected October 19, 1893, Douglas (Jeserun) (23).

RUDDY DUCK. Erismatura jamaicensis rubida. Earliest spring record: April 6. 1930, Soda Lakes (McCrcary). Average of first spring records, seven years: April 15. Average of last fall records, four years: November 9. Latest fall record: November 30, 1933. Twelvemile Lake (McCreary).

RED-BREASTED MERGANSER. *Mergus serrator*. Transient. Earliest spring record: three seen, March 25, 1934, Hutton Lake (McCreary). Average of first spring records, three years: April 5. Latest spring record: May 12, 1929, Cheyenne (J. Gundlaeh). Winter records: one seen December 31, 1933, Twin Buttes Lake, Albany County; and two seen February 4, 1934, Wheatland Flats on irrigation reservoir (McCreary).

TURKEY VULTURE. Cathartes aura septentrionalis. Earliest spring record: April 15, 1931, Cheyenne (L. R. Wolfe). Average of first spring records, four years: April 29. Average of last fall records, four years: September 20. Latest fall record: Oetober 2, 1926, Archer, Laramie County (McCreary).

EASTERN GOSHAWK. Astur atricapillus atricapillus. Earliest spring record: February 28, 1932, Woods Creek, Mcdicine Bow Forest (McCreary). Average of first spring records, three years: March 18. Average of last fall records, three years: Oetober 26. Latest fall record: November 10, 1928, Woods Creek (McCreary).

SHARP-SHINNED HAWK. Accipiter velox velox. Earliest spring record: specimen in the University of Wyoming collection dated March 30, 1903, Laramie (Knight). Average of first spring records, six years: April 30. Average of last fall records, three years: October 12. Latest fall record: October 15, 1928, Laramie (McCreary). Two winter records: December 27, 1928. Torrington (McCreary); and January 12, 1929, Lusk (McCafferty) (24).

COOPER'S HAWK. Accipiter cooperi. Two winter records: February 5, 1928, Woods Creek, Medicine Bow Forest (MeCreary); and February 14, 1932, Fox Creek, Albany County (Mickey). Average of first spring records, six years: April 22. Average of last fall records. three years: October 21.

WESTERN RED-TAILED HAWK. Buteo borealis calurus. Earliest spring record: March 25. 1934, Ninemile Lake (Mickey). Average of first spring records, eight years: April 7. Average of last fall records. seven years: October 1. Latest fall record: October 19, 1930, Torrington (McCreary). One winter record: February 6, 1927, Laramie River, Albany County (McCreary).

SWAINSON'S HAWK. Buteo swainsoni. Three winter records: January 1, 1927, and January 2, 1928, Laramie (McCreary); and January 29, 1928, Pine Bluffs (MeCrcary). Average of first spring records. seven other years: April 14. Average of last fall records, five years: October 18.

AMERICAN ROUGH-LEGGED HAWK. Buteo lagopus s. johannis. Winter visitant. Earliest fall record: October 13, 1927, Laramie Plains (McCreary). Average of first fall records, three years: October 23. Latest spring record: March 29, 1927, Laramie Plains (McCreary).

DUCK HAWK. Falco peregrinus anatum. Transient. Earliest spring record: April 2, 1933, Soda Lakes (McCreary). Latest spring record: May 8, 1933, Torrington (McCreary). Neilson (26) reports seeing this bird near Wheatland in fall, but we do not have any dates for it.

RICHARDSON'S PIGEON HAWK. Falco columbarius richardsoni. Transient. Earliest spring record: March 13, 1927, Millbrook, Albany County (McCreary). Average of first spring records, five years: March 30. Average of last spring records, four years: May 17. Latest spring record: May 20, 1932, Laramie (Mickey). Earliest fall record: August 15, 1870. LaBonte Creek (Stevenson and Smith) (29). Average of first fall records, five years: September 5. Average of last fall records, six years: November 6. Latest fall record: one collected November 27, 1895, Laramie (Knight) (23). One winter record: December 25, 1927, Wheatland (McCreary).

DESERT SPARROW HAWK. Falco sparverius phalaena. Occasionally seen in winter. Average of first spring records, eight years: April 2. Average of last fall records, three years: October 24.

LITTLE BROWN CRANE. Grus canadensis canadensis. One spring record: specimen taken April 3, 1912. Sodergreen Lake. Albany County (Lockwood) (21). One fall record: specimen taken October 7, 1898. Glendo (Jeserun) (23).

SANDHILL CRANE. Grus canadensis tabida. One spring record: April 28, 1927. Sevenmile Lake (McCreary). One fall record: specimen taken October 10, 1896, Shell Creek. Albany County (Knight) (23).

VIRGINIA RAIL. *Rallus limicola limicola*. Arrives in spring about May 1. Wheatland (Neilson) (26). Latest fall record: October 8, 1933, Laramic (Mickey).

SORA. *Porzana carolina*. Arrives in spring about May 1, Wheatland (Neilson) (26). Latest fall record: September 19, 1934, Laramie (Mickey).

AMERICAN COOT. Fulica americana americana. Earliest spring record: March 25, 1934, Hutton Lake (McCreary). Average of first spring records, ten years: April 11. Average of last fall records, six years: November 9. Latest fall record: November 30, 1933. Hutton Lake (McCreary).

PIPING PLOVER. *Charadrius melodus*. Transient. Earliest spring record: specimen taken May 30, 1892, Cheyenne (Bond) (23). Latest spring record: three seen June 12, 1929, Torrington (MeCreary).

SNOWY PLOVER. *Charadrius nivosus* ssp. A specimen was taken by Bond at Cheyenne (23). One was seen June 20, 1933, at Bamforth Lake by McCreary, and later by several other observers. It was last seen July 2, 1933, by J. W. Seott. Latest record: July 29, 1934, Bamforth Lake (McCreary).

SEMIPALMATED PLOVER. Charadrius semipalmatus. Transient. Earliest spring record: May 12, 1929, Cheyenne (J. Gundlach). Latest spring record: May 19, 1933, Laramie (McCreary). Earliest fall record: August 13, 1933, Creighton Lake (Mickey). Latest fall record: August 26, 1928, Bamforth Lake (McCreary).

MOUNTAIN PLOVER. *Eupoda montana*. Earliest spring record: March 25, 1928, Laramie Plains (McCrcary). Average of first spring records, ten years: April 13. Avcrage of last fall records, seven years: August 16. Latest fall record: August 24, 1932, Laramie Plains (McCreary).

KILLDEER. Oxyechus vociferus vociferus. Frequently stays all winter. When not present in the winter it appears in the spring in March. Average of first spring records, eight years: March 25. Average of last fall records, five years: Oetober 15.

AMERICAN GOLDEN PLOVER. *Pluvialis dominica dominica*. One record: three were taken near Camp Dawes on Roek Creek, October 25, 1870 (Stevenson and Smith) (29).

BLACK-BELLIED PLOVER. Squatarola squatarola. Transient. Earliest spring record: May 11, 1884, Cheyenne (Bond) (12). Average of first spring records, three years: May 13. Latest spring record: May 18, 1933, Bamforth Lake (McCreary). Earliest fall record: October 21, 1928, Laramie (MeCreary). Latest fall record: November 9, 1930, Alsop Lakes, Albany County (McCreary).

NORTHERN CURLEW. Numerius americanus occidentalis. Earliest spring record: April 15, 1889, Cheyenne (Bond) (12). Average of first spring records, five years: April 24. Average of last fall records, five years (August 5-19): August 12. Execptionally late fall record: October 9, 1927, Bamforth Lake (McCreary).

UPLAND PLOVER. Bartramia longicanda. Earliest spring record: May 5, 1879, Lake Como (Williston) (31). Average of first spring records, six years: May 8. Average of last fall records, six years: August 18. Latest fall record: September 1, 1930, Laramie (MeCreary). SPOTTED SANDPIPER. Actitis macularia. Earliest spring record: May 1, 1927, Laramie (McCreary). Average of first spring records, nine years: May 6. Average of last fall records, eight years: September 10. Latest fall record: October 5, 1933. Laramie (Mickey).

WESTERN SOLITARY SANDPIPER. Tringa solitaria cinnamomea. Transient. Earliest spring records: April 20, 1929 and 1932, Laramie (McCreary). Average of first spring records, eight years: April 24. Average of last spring records, scven years: May 13. Latest spring record: May 25, 1928, Laramie (McCreary). Earliest fall record: June 28, 1934, Laramie (McCreary). Average of first fall records. eight years: July 13. Average of last fall records, eight years: September 5. Latest fall record: October 1, 1927. Laramie (McCreary).

WESTERN WILLET. Catopthrophorus semipalmatus inornatus. Transicnt. Earliest spring rccord: April 25, 1931, Sevenmile Lake (Mickey). Average of first spring rccords, nine years: May 4. Average of last spring records, seven years: May 25. Latest spring record: June 3, 1922, Wheatland (Neilson) (25). Earliest fall record: June 17, 1934, Hutton Lake (A. Hamm). Average of first fall records, five years: July 14. Average of last fall rccords, four years: September 5. Latest fall record: October 1, 1933, Wheatland Reservoir (J. W. Scott).

GREATER YELLOW-LECS. Totanus melanoleucus. Transient. Earlicst spring record: April 4, 1928, Medicinc Bow (McCrcary). Average of first spring records, cleven ycars: April 12. Avcrage of last spring records. four years: May 14. Latest spring record: May 29, 1914, Laramie (Henningcr) (22). Exceptionally early fall rccord, obtained during the dronth: June 22, 1934, Laramie (McCrcary). Average of first fall records, seven other years (July 19-August 21): August 5. Average of last fall records, eight years: October 2. Latest fall record: October 24, Medicine Bow (4).

LESSER YELLOW-LECS. *Totanus flavipes*. Transient. Earliest spring record: April 21, 1934, Laramie (McCreary). Average of first spring records, nine years: May 1. Average of last spring records, six years: May 18. Latest spring record: June 1, 1914, Laramic (Henninger) (22). Exceptionally carly fall record, obtained during the drouth: June 14, 1934, Laramie (McCreary). Average of first fall records, six other years (July 4-August 21): July 19. Average of last fall records, six years: October 15. Latest fall record: October 22, 1926, Laramie (McCreary).

PECTORAL SANDPIPER. *Pisobia melanotos*. Transient. One spring record: May 12, 1933, Torrington (McCreary). Exceptionally early

fall record, obtained during the drouth: July 8, 1934, Soda Lakes (McCreary). Average of first fall records, two other years (August 5-13): August 9. Average of last fall records, three years: September 3. Latest fall record: a specimen in the University of Wyoming collection dated September 14, 1897, Sevenmile Lake (C. W. Gilmore).

WHITE-RUMPED SANDPIPER. *Pisobia fuscicollis*. Transient. Earliest spring record: specimen taken May 16, 1875, Ft. Laramie (4) (Newberry). Average of first spring records, three years: May 23. Latest spring record: June 17, 1933, Bamforth Lake (Miekey). We have no fall records.

BAIRD'S SANDPIPER. *Pisobia bairdi*. Transient. Earliest spring record: March 31, 1929, Laramie (McCreary). Average of first spring records, eight years: April 16. Average of last spring records, six years: May 24. Latest spring record: May 31, 1931, Laramie (McCreary). Earliest fall record: June 24, 1933, Bamforth Lake (Mickey). Average of first fall records. eight years: July 15. Average of last fall records, four years: October 13. Latest fall record: October 21, 1928, Sevenmile Lake (McCreary).

LEAST SANDPIPER. *Pisobia minutilla*. Transient. Earliest spring records: April 23, Ft. Laramie (4); and April 23, 1888, Cheyenne (Bond) (12). Average of first spring records, ten years: May 2. Average of last spring records, five years: May 24. Latest spring record: May 29, 1933, Goshen County (McCreary). Earliest fall record: July 8, 1934, Soda Lakes (McCreary). Average of first fall records, four years: July 24. Latest fall record: October 21, 1928, Laramie (McCreary).

RED-BACKED SANDPIPER. *Pelidna alpina sakhalina*. One record: one seen August 23. 1930, Sevenmile Lake (MeCreary).

LONG-BILLED DOWITCHER. Linanodromus griseus scolopaceus. Transient. Earliest spring record: May 3, 1889, Cheyenne (Bond) (12). Average of first spring records, five years: May 7. Average of last spring records, three years: May 16. Latest spring record: May 17, 1933, Laramie (Miekey). Earliest fall record: June 26, 1875, Ft. Sanders, Albany County (Braekett) (9). Average of first fall records, five years: July 13. Average of last fall records, four years: October 14. Latest fall record: October 25, 1928, Sevenmile Lake (A. MeIntosh).

STILT SANDPIPER. *Micropalama himantopus*. Transient. Earliest spring record: three taken May 15. 1875, Ft. Laramie (J. S. Newberry) (30). Latest spring record: May 25, 1889, Cheyenne (Bond) (6).

Earliest fall record: sixteen seen July 29, 1934, Bamforth Lake (McCreary). Latest fall record: one seen August 20, 1933, Ninemile Lake (McCreary).

SEMIPALMATED SANDPIPER. Ereunetes pusillus. Transient. One spring record: May 19, 1933, Laramie (McCreary). Two fall records: one taken August 22 or 23, 1870, North Plattc River, Natrona County (Stevenson and Smith) (29); and one skin in the University of Wyoming collection dated August 31, 1897, Bamforth Lake (C. W. Gilmore). By some error Knight (23) copied this record as October 31, and the erroneous date has appeared in other publications (4).

MARBLED GODWIT. Limosa fedoa. Transient. Earliest spring record: April 25, 1931, Sevenmile Lake (Mickey). Average of first spring records, six years: May 4. Average of last spring records, four years: May 15. Latest spring record: May 19, 1933, Bamforth Lake (Mickey). Earliest fall record, obtained during the drouth: July 13, 1934, Bamforth Lake (McCreary). Average of first fall records, four years: July 26. Average of last fall records. four years: August 31. Latest fall record: September 14, 1933, Laramie (McCreary).

SANDERLING. Crocethia alba. Transient. Earliest spring record: May 5. 1879. Lake Como (Williston) (32). Average of first spring records. five years: May 13. Average of last spring records, four years: May 22. Latest spring record: May 26, 1892, Douglas (Jeserun) (23). Earliest fall record: August 26. 1928. Bamforth Lake (McCreary). Latest fall record: October 1, 1927, Bamforth Lake (McCreary).

AVOCET. *Recurvirostra americana*. Earliest spring record: April 14, 1928. Ninemile Lake (McCrcary). Average of first spring records. eleven years: April 26. Average of last fall records, five years: September 22. Latest fall record: October 7. 1933, Wheatland Reservoir (R. Honess).

BLACK-NECKED STILT. *Himautopus mexicanus*. Earliest record: one scen June 11, 1933. Creighton Lake (Mr. and Mrs. Mickey, Draize, and McCrcary). Two were seen June 20 and 30, 1934, Bamforth Lake (McCreary).

RED PHALAROPE. *Phalaropus fulicarius*. One specimen in the University of Wyoming collection is dated September 14, 1897, Sevenmile Lake (C. W. Gilmore).

WILSON'S PHALAROPE. Steganopus tricolor. Earliest spring record: April 25. 1933, Laramie (McCreary). Average of first spring records, nine years: May 3. Average of last fall records, eight years: August 30. Latest fall record: September 19, 1926, Laramie (McCreary).

NORTHERN PHALAROPE. Lobipes lobatus. Transient. Earliest spring record: May 13, 1933, Bamforth Lake (Mickey). Average of first spring records, four years: May 16. Average of last spring records, four years: May 23. Latest spring record: May 28, 1879, Lake Como (Williston) (32). Fall records: specimens taken by Mr. and Mrs. Allen McIntosh. September 29, 1928, Twelvemile Lake, and October 6, 1928, Bamforth Lake.

GLAUCOUS GULL. Larus hyperboreus. One taken by Elmer Isberg, November 23, 1933, Lake Hattie.

HERRING GULL. Larus argentatus smithsonianus. Transient. Earliest spring record: a dead bird brought to the University to be identified, March 18, 1932. Latest spring record: May 29, 1932, Wheatland Reservoir (Scott). Earliest fall record: August 6, 1933, Wheatland Reservoir (McCreary). Latest fall record: November 24, 1932, Lake Hattie (McCreary). One winter record: January 1, 1934. Lake Hattie (McCreary).

RING-BILLED GULL. Larus delawarensis. Earliest spring record: March 19, 1934, Hutton Lake (F. Mazel). Average of first spring records, eight years: April 2. Average of last fall records, seven years: November 17. Latest fall record: November 30. 1933, Hutton Lake (McCreary).

FRANKLIN'S GULL. Larus pipixcan. Transient. Earliest spring record: May 5, 1933, Torrington (McCreary). Average of first spring records, three years: May 7. Latest spring record: May 12, 1933, Torrington (McCreary). One fall record: July 27, 1928, near Iowa Center, Platte County (J. Gundlach).

BONAPARTE'S GULL. Larus philadelphia. Transicnt. Earliest spring record: April 21, 1934, Lake Hattie (Mickey). Average of first spring records, five years: April 30. Latest spring record: June 3, 1933. Laramie (McCreary). Earliest fall record: June 21, 1934. Laramie (McCreary). Latest fall record: a specimen in the University of Wyoming collection dated November 18, 1896, Laramie (E. Land).

ATLANTIC KITTIWAKE. Rissa tridactyla tridactyla. One record: specimen taken November 18, 1898. Douglas (Jeserun) (23).

FORSTER'S TERN. *Sterna forsteri*. Earliest spring record: May 2. 1934, Laramie (McCreary). Average of first spring records, six years: May 18. Average of last fall records. four years (July 31-September 4): August 17. Exceptionally late fall record: September 30, 1932, Laramie (McCreary).

LEAST TERN. Sterna antillarum antillarum. It occurs in summer along the North Platte River in Goshen County. First record for Wyoming: June 11, 1929, Torrington (McCreary). Earliest spring record: May 27, 1933, Torrington (McCreary).

BLACK TERN. Chlidonias nigra surinamensis. Earliest spring reeord: May 11, 1934. Hutton Lake (MeCreary). Average of first spring records. seven years: May 21. Usually disappears in August. Average of last fall records, four years (August 2-26): August 13. Exceptionally late fall record: October 1, 1927, Bamforth Lake (McCreary).

WESTERN MOURNING DOVE. Zenaidura macroura marginella. Earliest spring record: April 14, 1933, Laramie (McCreary). Average of first spring records, nine years: April 25. Average of last fall records, eight years: October 4. Latest fall record: October 30, 1927, Laramie (McCreary). One winter record: a specimen taken January 20, 1934, Cheyenne (J. Simon).

BLACK-BILLED CUCKOO. Coccyzus erythropthalmus. Earliest spring record: a specimen taken May 21, 1893, Douglas (Jeserun) (23). Average of first spring records. five years: May 30. We have no fall records.

WESTERN BURROWING OWL. Speotyto cunicularia hypugaea. Earliest spring record: April 15, 1934, Laramie (Mickey). Average of first spring records, five years: April 28. Average of last fall records, five years: August 29. Latest fall record: a specimen taken September 6, 1923. Wheatland (Fuller) (20).

SHORT-EARED OWL. Asio flammeus flammeus. Earliest spring records: March 30, 1930 and 1934, Laramie (McCreary). Latest fall record: November 6, 1927. Laramie (McCreary). One winter record: January 6, 1930, Goshen County (McCreary).

NUTTALL'S POOR-WILL. *Phalaenoptilus nuttalli nuttalli*. Earliest spring record: May 3, 1932, Torrington (McCreary). Average of first spring records, four years: May 16. Average of last fall records, two years: September 6. Latest fall record: specimen taken September 7. 1857, Laramie Mountains (Hayden) (3).

NIGHTHAWK. Chordeiles minor ssp. Three subspecies of the Nighthawk occur in this region (27), but the dates given here are sight records and the subspecies could not be determined. Earliest spring record: May 24, 1933. Torrington (McCreary). Average of first spring records, nine years: June 1. Average of last fall records, seven years: September 25. Latest fall record: October 10, 1928, Laramie (McCreary).

WHITE-THROATED SWIFT. Aëronautes saxatalis saxatalis. Earliest spring record: April 24, 1927, Sand Creek, Albany County (McCreary). Average of first spring records, three years: April 30. Average of last fall records, three years: September 1. Latest fall record: one captured in Agricultural Hall. University of Wyoming, September 9, 1934.

BROAD-TAILED HUMMINGBIRD. Selasphorus platycercus platycercus. Earliest spring record: May 20, 1934. Laramie (McCreary). Average of first spring records, six years: May 24. Average of last fall records, nine years: September 3. Latest fall record: September 16, 1933, Laramie (McCreary).

RUFOUS HUMMINGBIRD. Selasphorus rufus. We have no spring records. Earliest fall record: July 12, 1934, Laramie (McCreary). Average of first fall records, four years: July 17. Average of last fall records. four years: August 5. Latest fall record: August 13, 1934. Laramie (McCreary).

RED-HEADED WOODPECKER. *Melanerpes erythrocephalus*. Earliest spring record: May 17, 1932. Torrington (McCreary). Average of first spring records, six years: May 27. Average of last fall records, five years: September 2. Latest fall record: one taken September 6, 1923, Wheatland (Fuller) (20).

LEWIS'S WOODPECKER. Asyndesmus lewis. Earliest spring records: May 14, 1930 and 1931. Laramie (MeCreary). Average of first spring records, six years: May 17. Average of last fall records, six years: September 9. Latest fall record: September 24, 1933, Laramie (Mickey).

RED-NAPED SAPSUCKER. Sphyrapicus varius nuchalis. Earliest spring record: April 9, 1932, Laramie (McCreary). Average of first spring records, five years: May 6. Average of last fall records, four years: October 10. Latest fall record: October 25, 1932, Laramie (McCreary).

EASTERN KINGBIRD. Tyrannus tyrannus. Earliest spring record: May 7, 1927. Laramic (McCreary). Average of first spring records, nine years: May 16. Average of last fall records. nine years: August 22. Latest fall record: September 9, 1934. Laramie (McCreary).

ARKANSAS KINGBIRD. *Tyrannus verticalis*. Earliest spring record: May 5, 1932. Lingle (McCreary). Average of first spring records, eight years: May 12. Average of last fall records, ninc years: August 29. Latest fall records: September 5, 1926 and 1927. Laramie (MeCreary); and September 5, 1934, Laramie (Mickey).

CASSIN'S KINGBIRD. Tyrannus vociferans. Earliest spring record: specimen taken May 6, 1892, Douglas (Jeserun) (23). Average of first spring records. 4 years: May 12. Average of last fall records. four years: September 12. Latest fall record: specimen taken September 18, 1911, Albany County (Walker) (21).

SAY'S PHOEBE. Sayorn's saya saya. Earliest spring record: April 7, 1889, Cheyenne (Bond) (13). Average of first spring records, thirteen years: April 17. Average of last fall records, nine years: September 14. Latest fall record: October 3, 1926, Laramic (MeCreary).

ALDER FLYCATCHER. *Empidonax trailli trailli*. Earliest spring record: May 30, 1929, Laramie (MeCreary). Latest fall record: September 7, 1930, Laramie (MeCreary).

LEAST FLYCATCHER. *Empidonax minimus*. Earliest spring record: May 5, 1933, Torrington (McCreary). Average of first spring records. two years: May 8.

HAMMOND'S FLYCATCHER. *Empidonax hammondi*. Earliest spring record: May 13. 1934, Laramie (MeCreary). Latest fall record: one taken October, 1871, Ft. Steele (Allen) (1). Allen did not arrive at Ft. Steele until October 9.

WRIGHT'S FLYCATCHER. *Empidonax wrighti*. Earliest spring reeord: May 9, 1933. Guernsey (MeCreary). Average of first spring records, seven years: May 19. Average of last fall records, two years: September 10. Latest fall record: September 13. 1926. Laramie (MeCreary).

WESTERN FLYCATCHER. Empidonax difficilis difficilis. Earliest spring record: May 20, 1928. Laramie (MeCreary). Latest fall record: one taken September 13, 1891. Douglas (Jeserun) (23).

WESTERN WOOD PEWEE. Myiochanes richardsoni richardsoni. Earliest spring record: May 19, 1932, Torrington (McCreary). Average of first spring records, seven years: May 27. Average of last fall records. six years: September 25. Latest fall record: September 30, 1931. Laramie (McCreary).

OLIVE-SIDED FLYCATCHER. Nuttallornis mesoleucus. Earliest spring record: May 16, 1933, Laramie (McCreary). Average of first spring records. three years: May 21. Average of last fall records, three years: September 9. Latest fall record: September 18, 1926, Laramie (McCreary). VIOLET-GREEN SWALLOW. *Tachycineta thalassina lepida*. Earliest spring record: May 7, 1930, Laramie (McCreary). Average of first spring records. four years: May 14. Average of last fall records, three years: August 31. Latest fall record: September 7, 1926, Laramie (McCreary).

TREE SWALLOW. Iridoprocue bicolor. Earliest spring record: April 11, 1930, Laramie (McCreary). Average of first spring records, five years: April 18. Latest fall record: October 1, 1927, Laramic Plains (McCreary).

BANK SWALLOW. *Riparia riparia riparia*. Earliest spring record: April 23, 1929, Laramie (McCreary). Average of first spring records, six years: April 30. Average of last fall records, five years: August 26. Latest fall record: September 4, 1933, Laramie (MeCreary).

ROUGH-WINGED SWALLOW. Stelgidopteryx ruficollis serripennis. Earliest spring records: May 1. 1927, Laramie (McCreary); May 1. 1931 and 1933, Torrington (McCreary); and May 1, 1928, Laramie (Gundlaeh). Average of first spring records, eight years: May 6. Average of last fall records, five years: August 28. Latest fall record: September 6, 1931, Laramie (McCreary).

BARN SWALLOW. *Hirundo erythrogaster*. Exceptionally early spring record: April 21, 1889. Cheyenne (Bond) (28). Average of first spring records, nine other years (May 1-7): May 4. Average of last fall records, six years: September 16. Latest fall record: September 24, 1928, Guernsey (McCafferty) (24).

NORTHERN CLIFF SWALLOW. *Petrochelidon albifrons albifrons*. Earliest spring record: May 10, 1928. Laramie (McCreary). Average of first spring records. nine years: May 13. Average of last fall records, seven years: August 22. Latest fall record: September 4, 1933. Laramie (McCreary).

NORTHERN BLUE JAY. Cyanocitta cristata cristata. Earliest spring record: May 6, 1929, Guernsey (McCafferty) (24). Average of first spring records, four years: May 9. Average of last fall records, four years: October 7. Latest fall record: October 22, 1933, Laramie (Mickey). Onc winter record: January 29, 1928, Pine Bluffs (McCreary).

WESTERN CROW. Corvus brachyrhynchos hesperis. Earliest spring record: February 28, 1933, Laramie (McCreary). Average of first spring records, eight years: March 12. Average of last fall records. ten years: October 18. Latest fall record: October 26, 1930, Laramie (McCreary). Two winter records: Dccember 27, 1929, Casper (McCreary); and January 31, 1932, Laramie (Mickey). BLACK-EARED NUTHATCH. Sitta pygmaea melanotis. Earliest spring record: April 17, 1932. Fish Creek, Albany County (Scott). Latest fall record: October 18, 1926, Telephone Canyon, Albany County (McCreary).

WESTERN HOUSE WREN. *Troglodytes aëdon parkmani*. Earliest spring records: May 1, 1931, Guernsey, and May 1, 1933, Torrington (McCreary). Average of first spring records, eight years: May 10. Average of last fall records, six years: September 20. Latest fall record: October 3, 1926, Laramie (McCreary).

WESTERN WINTER WREN. Nannus hiemalis pacificus. One record during migration: October 26, 1930, Laramie (McCreary).

WESTERN MARSH WREN. Telmatodytes palustris plesius. Two specimens taken near Laramie were named plesius by Oberholser, but our sight records may include laingi and dissaëptus. Earliest spring record: March 30, 1930, Laramie (McCrcary). Average of first spring records, eight years: April 14. Our only late date is July 28, 1929, Torrington. Two winter records: December 24, 1928, Wheatland, and January 29, 1928, Pine Bluffs (McCreary).

CAÑON WREN. Catherpes mexicanus conspersus. We have three records: April 17. 1928, Laramie (McCreary); August, 1928, Medicine Bow River Canyon (Gundlach); and August 22. 1931, Laramie, one found in Agricultural Hall, University of Wyoming (Mickey).

COMMON ROCK WREN. Salpinctes obsoletus obsoletus. Exceptionally early spring record: April 2. 1930. Laramie (McCreary). Average of first spring records, nine other years (April 29-May 14): May 8. Average of last fall records. eight years: September 26. Lates<sup>+</sup> fall record: October 21. 1928, Laramie (McCreary). One winter record: December 30. 1928, Guernsey (McCreary).

WESTERN MOCKINGBIRD. *Mimus polyglottos leucopterus*. Exceptionally early spring record: April 30, 1894, Douglas (Jeserun) (11). Average of first spring records. four other years (May 15-May 23): May 18. Latest fall record: September 16, 1933, Laramie (McCreary).

CATBIRD. Dumetella carolinensis. Earliest spring record: May 11, 1929, Cheyenne (McCreary). Average of first spring records, nine years: May 16. Average of last fall records, seven years: September 21. Latest fall record: September 26, 1929, Laramie (McCreary).

BROWN THRASHER. *Toxostoma rufum*. Earliest spring records: May 1, 1931 and 1933, Torrington (McCreary). Latest fall record: one taken August 30, 1923, Chugwater (Fuller) (20). One winter record: January 4, 1930, Torrington (McCreary).

SAGE THRASHER. Oreoscoptes montanus. Earliest spring record: Mareh 25, 1934, Hutton Lake (McCreary). Average of first spring records, nine years: April 15. Average of last fall records, seven years: September 23. Latest fall record: September 30, 1933, Laramie (Miekey).

WESTERN ROBIN. *Turdus migratorius propinquus*. Oecasionally found in winter: January 29, 1928, Pine Bluffs; January 6, 1930, Cheyenne (McCreary); and January 28, 1932, Laramie (Mickey). In some years migrants are seen in late February: February 21, 1931, Torrington (L. R. Wolfe). In 1927 none were scen until March 26. The large flocks arrive in April and leave for the south early in Oetober.

ALASKA HERMIT THRUSH. Hylocichla guttata guttata. One collected September 9, 1898, Laramie (Knight) (23).

AUDUBON HERMIT THRUSH. *Hylocichla guttata auduboni*. Our migration records arc all sight records and may include other subspecies. Earliest spring record: April 19, 1934, Torrington (McCreary). Average of first spring records, seven years: April 30. Average of last fall records, six years: October 19. Latest fall records: October 30. 1927 and 1932, Laramic (McCreary).

OLIVE-BACKED THRUSH. Hylocichla ustulata swainsoni. Earliest spring record: May 4, 1933. Torrington (MeCreary). Average of first spring records, eight years: May 8. Average of last fall records, seven years: October 6. Latest fall record: October 20, 1934, Laramic (Mickey).

GRAY-CHEEKED THRUSH. *Hylocichla minima aliciae*. Transient. Earliest spring record: May 10, 1933, Torrington (McCreary). Average of first spring records, three years: May 13. Latest spring record: May 25, 1932, Torrington (McCreary). We have no fall records.

WILLOW THRUSH. *Hylocichla fuscescens salicicola*. Earliest spring record: May 6, 1933, Torrington (McCreary). Average of first spring records, seven years: May 13. Average of last fall records, two years: September 1. Latest fall record: September 7. 1931, Laramie (MeCreary).

MOUNTAIN BLUEBIRD. Sialia currucoides. Earliest spring record: February 22, 1932, Sand Crcck, Albany County (R. Honess). Average of first spring records, eight years: Mareh 5. Average of last fall records, eight years: October 18. Latest fall record: October 23, 1932, Tie Siding, Albany County (J. W. Scott). WESTERN GOLDEN-CROWNED KINGLET. Regulus satrapa olivaceus. One spring record: May 19, 1931, Laramie (MeCreary). Avcrage of last fall records. seven years: September 30. Latest fall record: October 26, 1932, Laramie (MeCreary). Winter records: December 25. 1929, and January 6, 1930, Cheycnne (MeCrcary).

EASTERN RUBY-CROWNED KINGLET. Corthylio calendula calendula. Earliest spring record: April 16, 1929, Laramie (MeCreary). Average of first spring records, six years: April 30. Average of last fall records, seven years: Oetober 16. Latest fall record: Oetober 26, 1933, Laramie (MeCreary).

AMERICAN PIPIT. Anthus spinoletta rubescens. Exceptionally early spring record: March 22, 1934. Laramie (McCreary). Average of first spring records, eight other years (April 9-30): April 22. Average of last fall records, six years: October 16. Latest fall record: October 21, 1926, Laramie (McCreary).

SPRAGUE'S PIPIT. Anthus spraguei. Transient. Earliest spring record: April 17. 1927, Laramie (McCrcary). Latest spring record: May 17, 1934, Laramie (McCreary). We have no fall records.

BOHEMIAN WAXWING. Bombycilla garrula pallidiceps. Winter visitant. Earliest fall record: November 8, 1931, Laramie (MeCreary). Average of first fall records, two years: November 10. Average of last spring records. three years: April 6. Latest spring record: April 16. 1932, Laramie (McCreary).

CEDAR WAXWING. Bombycilla cedrorum. Earliest spring record: one collected May 6, 1929. Guernsey (McCafferty) (24). Average of first spring records, six years: May 21. Average of last fall records, five years: September 27. Latest fall record: October 16, 1933, Laramie (McCreary).

NORTHWESTERN SHRIKE. Lanius borealis invictus. Winter visitant. Earliest fall record: October 16. 1928, Laramie (McCreary). Average of first fall records. seven years: October 22. Average of last spring records. six years: April 2. Latest spring record: April 15, 1934, Laramie (Mickey).

WHITE-RUMPED SHRIKE. Lanins ludovicianus excubitorides. Execptionally early spring record: February 20, 1932. Laramie Plains (Mickcy). Average of first spring records. eight other years (April 15-29): April 22. Average of last fall records. six years: September 22. Latest fall record: October 15, 1932, Laramie (Mickey).

PLUMBEOUS VIREO. Vireo solitarius plumbeus. Earliest spring record: May 7. 1927, Laramie (McCreary). Average of first spring records, three years: May 16. Average of last fall records, six years: September 13. Latest fall record: October 4, 1934, Laramie (McCreary).

RED-EYED VIREO. Vireo olivaceus. Transient. Earliest spring record: May 24, 1933, Torrington (McCreary). Average of first spring records, seven ycars: May 27. Average of last spring records, three years: June 6. Latest spring record: June 10, 1929, Cheyenne (McCreary). Earliest fall record: August 22, 1934, Laramie (MeCreary). Average of first fall records, three years: August 27. Average of last fall records, four years: September 5. Latest fall record: September 12, 1926, Laramie (MeCreary).

WESTERN WARBLING VIREO. Vireo gilvus swainsoni. Exceptionally early spring record: May 12, 1932, Torrington (McCreary). Average of first spring records, seven other years (May 21-Junc 1): May 27. Average of last fall records, eight years: September 1. Latest fall record: September 14, 1933, Laramic (McCreary).

BLACK AND WHITE WARBLER. *Mniotilta varia*. Transient. Earliest spring record: May 3, 1930, Laramie (MeCreary). Latest spring records: specimen taken May 17, 1899. Douglas (Jeserun) (23); and one seen May 17, 1932, Laramie (Miekey). One fall record: September 23, 1928, Laramie (MeCreary).

TENNESSEE WARBLER. Vernivora peregrina. Transient. Earliest spring record: May 12, 1932, Torrington (MeCreary). Average of first spring records. three years: May 17. Average of last spring records, three years: May 27. Latest spring record: May 28, 1927. Laramie (MeCreary). Earliest fall record: August 28, 1928, Laramie (MeCreary). Average of first fall records, four years: September 7. Average of last fall records, four years: September 30. Latest fall record: October 5, 1933, Laramie (MeCreary).

ORANGE-CROWNED WARBLER. Vernivora celata ssp. Earliest spring record: April 30, 1931, Torrington (McCreary). Average of first spring records, six years: May 4. Average of last fall records, five years: September 29. Latest fall record: October 25, 1933, Laramie (McCreary).

NASHVILLE WARBLER. Vermivora ruficapilla ruficapilla. Two records: one taken May 29, 1898. Chugwater (Knight) (23); and one seen May 9, 1933, Ft. Laramie (MeCreary).

NORTHERN PARULA WARBLER. Compsothlypis americana pusilla. Three records: one taken May 30, 1888. Cheyenne (Bond) (23); one seen May 5, 1931, and May 12, 1933, Torrington (MeCreary). EASTERN YELLOW WARBLER. Dendroica aestiva aestiva. Earliest spring record: May 2, 1933, Lingle (McCreary). Average of first spring records. eleven years: May 11. Average of last fall records, nine years: September 4. Latest fall record: September 14, 1933, Laramie (McCreary).

MAGNOLIA WARBLER. *Dendroica magnolia*. Four records: May 21, 1889, Cheyenne (Bond); one collected May 19, 1932, Torrington (McCreary); and one seen May 23 and 24, 1933, Torrington (McCreary).

MYRTLE WARBLER. Dendroica coronata. Transient. Earliest spring record: April 17, 1932, Woods, Albany County (Mickey). Average of first spring records, ten years: April 26. Average of last spring records, five years: May 23. Latest spring record: May 25, 1933, Laramie (Mickey). Earliest fall record: September 24, 1933, Laramie (McCreary). Average of first fall records, three years: October 2. Average of last fall records, five years: October 16. Latest fall record: October 23, 1930, Laramie (McCreary).

AUDUBON'S WARBLER. Dendroica auduboni auduboni. Earliest spring record: April 20, 1931, Cheyenne (L. R. Wolfe). Average of first spring records, nine years: May 3. Average of last fall records, seven years: October 18. Latest fall record: October 29, 1932, Laramie (McCreary).

TOWNSEND'S WARBLER. Dendroica townsendi. Transient. Two spring records: May 11, 1929, Cheyenne, and May 15, 1927, Jelm, Albany County (McCreary). Earliest fall record: August 11, 193. Laramie (McCreary). Average of first fall records, seven years: August 24. Average of last fall records. ten years: September 25. Latest fall record: October 15, 1928, Laramie (McCreary).

CHESTNUT-SIDED WARBLER. *Dendroica pensylvanica*. One record: one collected May 23, 1889, Cheyenne (Bond) (6).

BLACK-POLL WARBLER. *Dendroica striata*. Earliest spring record: May 8, 1888, Cheyenne (Bond) (10). Average of first spring records, eight years: May 12. Average of last spring records, five years: May 20. Latest spring record: May 27, 1878, Lake Como (Williston) (31). We have no fall records.

WESTERN PALM WARBLER. Dendroica palmarum palmarum. One record: one seen May 10, 1933, Torrington (McCreary).

OVEN-BIRD. Seiurus aurocapillus. Two records: May 19, 1932, Ft. Laramie, and May 25, 1933. Lingle (McCreary).

GRINNELL'S WATER-THRUSH. Seiuras noveboracensis notabilis Transient. Earliest spring records: one taken May 10, 1878, Lake Como (Williston) (31); and one scen May 10, 1933, Torrington (McCreary). Average of first spring records, five years: May 13 Average of last spring records, three years: May 16. Latest spring record: May 18, 1933, Laramic River, Albany County (Mickey). Earliest fall record: August 9, 1934, Ft. Steele (McCreary). Average of first fall records, four years: August 13. Average of last fall records, three years: August 29. Latest fall record: September 13, 1929, Lara mie (McCreary).

MACGILLIVRAY'S WARBLER. *Oporornis tolmiei*. Earliest spring record: May 7, 1933, Torrington (McCreary). Average of first spring records, five years: May 12. Average of last fall records, seven years: September 17. Latest fall record: October 5, 1934, Laramie (McCreary).

WESTERN YELLOW-THROAT. Geothlypis trichas occidentalis. Earliest spring records: May 2, 1930, Laramic, May 2, 1931, Torrington. and May 2, 1933, Lingle (McCreary). Average of first spring records, ten years: May 10. Average of last fall records, seven years: September 18. Latest fall record: October 12, 1930. Laramie (McCreary).

LONG-TAILED CHAT. Icteria virens longicauda. Earliest spring rccords: May 10, 1930, Guernsey (McCafferty) (24); and May 10. 1932, Torrington (McCreary). Average of first spring records, fou: years: May 18. One fall record: September 5. 1932. Torrington (McCreary).

NORTHERN PILEOLATED WARBLER. Wilsonia pusilla pileolata. Earliest spring record: one collected May 4, 1932, Lingle (McCreary). Average of first spring records, eight years: May 12. Average of last fall records, six years: October 11. Latest fall record: October 16. 1928, Laramie (McCreary).

AMERICAN REDSTART. Setophaga ruticilla. Earliest spring record: May 4, 1933. Torrington (McCreary). Average of first spring records, eight years: May 17. Average of last fall records, five years: September 4. Latest fall record: September 12, 1933, Laramie (McCreary).

BOBOLINK. *Dolichonyx oryzivorus*. Earliest spring record: May 16, 1927, Laramie (McCreary). Average of first spring records, nine years: May 20. We have no fall records.

YELLOW-HEADED BLACKBIRD. Xanthocephalus xanthocephalus. Earliest spring record: April 14, 1929, Laramie (McCreary). Average of first spring records, eight years: April 25. Average of last fall records, five years: October 7. Latest fall record: October 20, 1928, Laramic (McCreary). Winter records: December 25, 1927, and February 26, 1928, Wheatland (McCreary).

BALTIMORE ORIOLE. *Icterus galbula*. Three records: July 20, 1927. Wheatland (Fuller and Bole) (20); May 6, 1929. Guernsey (McCafferty) (24); and May 6, 1931, Torrington (McCreary).

BULLOCK'S ORIOLE. *Icterus bullocki*. Earliest spring record: May 11, 1929, Cheyenne (McCrcary). Avcrage of first spring records, twelve years: May 14. Average of last fall records, six years: August 26. Latest fall record: Scptember 6, 1934, Laramie (Mr. and Mrs. Mickey).

RUSTY BLACKBIRD. *Euphagus carolinus*. One record: twelve seen December 25, 1927, Wheatland (McCreary).

BREWER'S BLACKBIRD. *Euphagus cyanocephalus*. A few individuals occasionally stay all winter. Average date of arrival of flocks from the south, nine years: April 27. Average of last fall records, eight years: November 1.

BRONZED GRACKLE. Quiscalus quiscala aeneus. Earliest spring record: April 13, 1930, Laramic (McCreary). Average of first spring records, eight years: April 23. Average of last fall records, seven years: September 25. Latest fall record: October 14, 1934, Laramie (McCreary).

NEVADA COWBIRD. *Molothrus ater artemisiae*. Earliest spring record: April 26, 1928, Laramie (McCreary). Average of first spring records, eight years: May 1. Average of last fall records, eight years: August 13. Latest fall record: September 5, 1926, Laramie (McCreary).

WESTERN TANAGER. *Piranga ludoviciana*. Earliest spring record: May 13, 1932, Laramie (Mickey). Average of first spring records. eleven years: May 23. Average of last fall records, eight years: September 23. Latest fall record: October 12, 1934, Laramie (McCreary).

ROSE-BREASTED GROSBEAK. *Hedymeles ludovicianus*. A pair were seen near Whcatland, July 1, 1932 (Mr. and Mrs. Mickey). One was scen May 11, 1933, Torrington (McCreary).

ROCKY MOUNTAIN GROSBEAK. *Hedymeles melanocephalus papago*. Earliest spring record: May 12, 1932. Torrington (McCreary). Avcrage of first spring records. eleven years: May 21. Average of last fall records, four years: September 14. Latest fall record: September 24. 1928. Guernsey (McCafferty) (24).

LAZULI BUNTING. *Passerina amoena*. Earliest spring record: May 6, 1929, Guernsey (McCafferty) (24). Average of first spring records,

eight years: May 16. Avcrage of last fall records, five years: September 2. Latest fall record: September 14, 1932. Laramie (McCreary).

CASSIN'S PURPLE FINCH. Carpodacus cassini. Exceptionally carly spring record: February 25, 1929, Laramie (McCrcary). Average of first spring records, five other years (April 6-May 1): April 21. Average of last fall records, five years: October 12. Latest fall record: November 1, 1927, Laramie (McCreary).

HEPBURN'S ROSY FINCH. Leucosticte tephrocotis littoralis. Winter visitant. Earliest fall record: November 8, 1926, Laramic (McCreary). Average of first fall records. two years: November 18. Average of last spring records, seven years: March 25. Latest spring record: April 9, 1929, Laramie (McCreary).

GRAY-CROWNED ROSY FINCH. Leucosticte tephrocotis tephrocotis. Winter visitant. Earliest fall record: October 25, 1928, Laramie (Knight) (23). Average of first fall records, seven years: November 17. Average of last spring records, seven years: March 23. Latest spring record: April 13, 1929, Laramic (McCreary).

COMMON REDPOLL. Acanthis linaria linaria. Winter visitant. Earliest fall record: one collected October 25, 1870, Rock Creck (Stevenson and Smith) (29). Average of first fall records, seven years: November 9. Latest spring record: a specimen in the University of Wyoming collection dated April 14, 1897, Laramie (Knight).

ARKANSAS GOLDFINCH. Spinus psaltria psaltria. Three records: one collected May 26, 1889, Cheyenne (Bond) (23); and one seen May 23, 1931, and August 4, 1931, Laramie (McCreary).

GREEN-TAILED TOWHEE. Oberholseria chlorura. Earliest spring record: May 2. 1929. Laramie (McCreary). Average of first spring records, seven years: May 11. Average of last fall records, five years: September 26. Latest fall record: October 12, 1930, Laramie (McCreary).

ARCTIC TOWHEE. *Pipilo maculatus arcticus*. Earliest spring record: April 9, 1927, Laramie (McCreary). Average of first spring records. five years, April 28. Average of last fall records, five years: October 3. Latest fall records: one collected October 27 or 28, 1870, Ft. Sanders, Albany County (Stevenson and Smith) (29).

LARK BUNTING. Calamospiza melanocorys. Earliest spring record: May 3, 1932, Laramie and Goshen Counties (McCreary). Average of first spring records. thirteen years: May 10. Average of last fall records, ten years: August 26. Latest fall record: September 9, 1923, Laramie County (Fuller and Bole) (20). SAVANNAH SPARROW. *Passerculus sandwichensis* ssp. Earliest spring record: April 17, 1929, Laramie (McCreary). Average of first spring records, eight years: April 20. Average of last fall records: six years: September 23. Latest fall record: October 16, 1927, Laramie (MeCreary).

BAIRD'S SPARROW. Ammodramus bairdi. Six were seen May 2, 1931, Torrington (McCreary). Mentioned by Bond as one of the species of birds found in Wyoming (5).

WESTERN VESPER SPARROW. Pooecetes gramineus confinis. Earliest spring records: April 12, 1888, Cheyenne (Bond) (16); April 12, Laramie (Knight) (23); April 12, 1930, Laramie; and April 12. 1931, Hutton Lake (McCreary). Average of first spring records, thirteen years: April 18. Average of last fall records, nine years: September 26. Latest fall record: October 9, 1927, Laramie (McCreary).

WESTERN LARK SPARROW. Chondestes grammacus strigatus. Earliest spring record: May 2, 1930, Laramie (MeCreary). Average of first spring records, eight years: May 5. Average of last fall records, eight years: September 10. Latest fall record: September 22, 1934, Laramie (McCreary).

NORTHERN SAGE SPARROW. Amphispiza nevadensis nevadensis. Earliest spring record: May 17, 1931, near Wheatland Reservoir (MeCreary). Latest fall record: one collected October 25, 1870, Roek Creek (Stevenson and Smith) (29).

WHITE-WINGED JUNCO. Junco aikeni. Winter visitant. Earliest fall record: one collected October 23, 1897. Laramie Mountains (C. W. Gilmore) (23). Latest spring record: April 11, 1929, Laramie (McCreary).

SLATE-COLORED JUNCO. Junco hyenialis hyenialis. Winter visitant. Earliest fall record: September 23, 1926, Laramie (McCreary). Average of first fall records, five years: October 7. Average of last spring records, nine years: April 17. Latest spring record: May 8. 1929. Laramic (McCreary).

SHUFELDT'S JUNCO. Junco oreganus shufeldti. Winter visitant. Earliest fall record: September 11. 1934. Laramic (McCrcary). Aver agc of first fall records, eight years: October 4. Average of last spring records. eight years: April 17. Latest spring record: May 3, 1929, Laramie (McCreary).

MONTANA JUNCO. Junco oreganus montanus. Winter visitant. Earliest fall record: September 11, 1934, Laramie (McCreary). Average of first fall records, eight years: October 2. Average of last spring records, eight years: April 24. Latest spring record: May 8, 1929, Laramie (McCreary).

PINK-SIDED JUNCO. Junco mearnsi. Winter visitant. Earliest fall record: August 31, 1934, Laramie (McCrcary). Average of first fall records, eight years: Scptember 22. Average of last spring records, six years: April 29. Latest spring records: May 8, 1928 and 1929. Laramie (McCreary).

GRAY-HEADED JUNCO. Junco caniceps. Earliest spring record: March 23, 1928, Laramie (McCrcary). Average of first spring records, eight years: April 12. Average of last fall records, six years: October 13. Latest fall record: November 7, 1933, Laramie (McCreary).

WESTERN TREE SPARROW. Spizella arborea ochracea. Winter visitant. Earliest fall record: September 28, 1888, Cheyenne (Bond) (14). Average of first fall records, eleven years: October 17. Average of last spring records, nine years: April 6. Latest spring record: April 14, 1933, Laramie (McCreary).

WESTERN CHIPPING SPARROW. Spizella passerina arizonae. Earliest spring record: April 19, 1934. Torrington (McCreary). Avcrage of first spring records, ninc years: April 28. Avcrage of last fall records, six years: October 10. Latest fall record: October 18, 1928, Laramie (McCreary).

CLAY-COLORED SPARROW. Spizella pallida. Earliest spring record: April 29, 1929, Laramie (McCreary). Average of first spring records, six years: May 3. Average of last fall records, four years: September 24. Latest fall record: October 3, 1926, Laramie (McCreary).

BREWER'S SPARROW. Spizella breweri breweri. Earlicst spring records: April 28, 1934, Laramic (Mickey); and April 28, 1929 and 1930, Laramie (McCrcary). Average of first spring records, six years: May 3. Average of last fall records, five years: September 25. Latest fall record: October 3, 1926, Laramie (McCrcary).

HARRIS'S SPARROW. Zonotrichia querula. Transient. Earliest spring record: April 19, 1934, Torrington (McCreary). Latest spring record: May 14, 1933, Torrington (McCreary). Earliest fall record: one taken October 7, 1894, Douglas (Jeserun) (23). Average of first fall records, three years: October 13. Average of last fall records. three years: October 30. Latest fall record: November 14, 1929. Laramic (McCreary).

WHITE-CROWNED SPARROW. Zonotrichia leucophrys leucophrys. Earliest spring record: April 18, 1889, Cheyenne (Bond) (17). Average of first spring records, nine years: April 27. Average of last fall records, six years: October 4. Latest fall record: October 14, 1928, Laramie (McCreary).

GAMBEL'S SPARROW. Zonotrichia leucophrys gambeli. Exceptionally early spring record: March 29, 1927, Laramie (H. Flick). Average of first spring records, seven other years (April 11-28): April 20. Average of last fall records, eight years: October 22. Latest fall record: October 30, 1927, Laramic (McCreary).

WHITE-THROATED SPARROW. Zonotrichia albicollis. We have two records: May 13, 1933, Torrington (McCreary); and one taken October 8, 1894, Douglas (Jescrun) (23).

SLATE-COLORED FOX SPARROW. *Passerella iliaca schistacea*. Two records: May 6, 1928, Fox Crcek, Albany County (McCreary); and September 30, 1933, Laramie (Mickey).

LINCOLN'S SPARROW. *Melospiza lincolni lincolni*. Earliest spring record: April 8, 1928, Laramie (McCreary). Average of first spring records, nine years: May 1. Average of last fall records, nine years: October 3. Latest fall record: a specimen in the University of Wyoming collection dated October 20, 1899, Laramie (C. W. Gilmore).

MCCOWN'S LONGSPUR. *Rhynchophanes mccowni*. Exceptionally early spring record: March 12, 1889. Cheycnne (Bond) (15). Average of first spring records, nine other years (April 6-24): April 14. Average of last fall records, six years: October 12. Latest fall record: October 27, 1927, Laramie Plains (McCreary).

ALASKA LONGSPUR. Calcarius lapponicus alascensis. Winter visitant. Earliest fall record: October 15, 1928, Laramie (McCreary). Average of first fall records, eight years: November 2. Average of last spring records. five years: March 17. Latest spring record: a specimen in the University of Wyoming collection dated April 3, 1899. Laramic (A. Jennings).

CHESTNUT-COLLARED LONGSPUR. *Calcarius ornatus*. Exceptionally early spring record: March 16. 1890, Cheyenne (Bond) (23). Average of first spring records, two other years (April 16-17): April 17. We have no fall records.

EASTERN SNOW BUNTING. *Plectrophenax nivalis nivalis*. Winter visitant. Earliest fall record: a specimen collected December 14. 1859, Deer Creek, Converse County (G. H. Trook) (19). Average of first fall records, three years: December 18. Average of last spring records, four years: March 8. Latest spring record: specimen taken March 19, 1889, Cheyenne (Bond) (18).

References Cited

- Allen, J. A. Notes of an Ornithological Reconnaissance of Portions of Kan-sas, Colorado, Wyoning, and Utah. Bull. Mus. Comp. Zool., Vol. 3, pp. 1.
- 113-183. 1872. Baird, S. F. "A List of Birds", in Explorations across the Great Basin of 2.
- Utah in 1859, Appendix K, pp. 377-381. 1876. Baird, S. F., J. Cassin, and G. N. Lawrenee. "Birds", in Reports of Explorations and Surveys to Ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Occan, Vol. 9, pt. 2, 1005 pp. 1858.
- Bent, A. C. Life Histories of North American Shore Birds, Order Limieolae (Part 1). U. S. Nat. Mus. Bull. 142, 420 pp. 1927. Bond, F. "Birds", in Report of the Governor of Wyoming to the Secretary
- 5. of the Interior, 1885, pp. 1138-1140. 1885. ——. Notes from Wyoming. Auk, Vol. 6, p. 341. 1889.
- 6.
- -. Capture of a Brown Pelican in Wyoming. Auk, Vol. 16, p. 351. 1899. 7. Brackett, A. G. The Birds of Wyoming. Forest and Stream, Vol. 7, p. 389. 8. 1876.

- Forest and Stream, Vol. 7, p. 404. 1876.
   Chapman, F. M. The Warblers of North America. 306 pp. 1907.
   Cooke, W. W. The Birds of Colorado. Colo. Agr. Expt. Sta., Colo. Agr. Coll., Bull. 37, 144 pp. 1897.
- 12. Surv., U. S. Dept. Agr., Bull. 35, 100 pp. 1910.
- 13. 14.

- pp. 254-260. 1909.
  15. \_\_\_\_\_\_. Bird-Lore, Vol. 13, pp. 15-17. 1911.
  16. \_\_\_\_\_\_. Bird-Lore, Vol. 13, pp. 83-88. 1911.
  17. \_\_\_\_\_\_. Bird-Lore, Vol. 14. pp. 98-105. 1912.
  18. \_\_\_\_\_\_. Bird-Lore, Vol. 15, pp. 16-17. 1913.
  19. Coues, Elliot. Birds of the Northwest. U. S. Geol. Surv. of the Territories, Misc. Pub. No. 3, 791 pp. 1874.
  20. Fuller, A. B. and B. P. Bole, Jr. Observations on some Wyoming Birds. Sci. Pub. Cleveland Mus. Nat. Hist., Vol. 1, pp. 37-80. 1930.
  21. Grave, B. H. and E. P. Walker. The Birds of Wyoming. 137 pp. 1913.
  22. Henninger, W. F. June Birds of Laramie, Wyoming. Witson BULLETIN, No. 90, pp. 221-242. 1915.
  23. Knight, W. C. The Birds of Wyoming. Wyo. Agr. Expt. Sta., Univ. of Wyo., Bull. 55, 174 pp. 1902.
  24. MeCafferty, C. E. Annotated and Distributional List of the Birds of Wyoming. Master's Thesis, Univ. of Wyoming. 1930. (Unpublished).
  25. Neilson, James A. Wheatland, Wyoming Birds. Oologist, Vol. 40, pp. 70-72.
- Neilson, James A. Wheatland, Wyoming Birds. Oologist, Vol. 40, pp. 70-72. 25.1923.
- Personal Letters, 1928. (Unpublished). 26.
- Oberholser, H. C. A Monograph of the Genus *Chordeiles* Swainson, Type of a New Family of Goatsuckers. U. S. Nat. Mus., Bull. 86, 123 pp. 1914. ———. The Migration of North American Birds. Bird-Lore, Vol. 20, pp. 27.
- 28. 145-152. 1918.
- Stevenson, James. "A List of mammals and birds collected in Wyoming Territory, by Mr. II. D. Smith and Mr. James Stevenson, during the expedi-tion of 1870", in Preliminary Report of the United States Geological Survey of Wyoming and Portions of contiguous territorics . . . , pt. 5, pp. 461-466. 29. 1872.
- Swales, B. H. Stilt Sandpiper (*Micropa'ama himdntopus*) in Wyoming. Auk, Vol. 36, p. 102. 1919.
   Williston, S. W. A List of Birds of Southern Wyoming. with notes by George Bird Grinnell. Forest and Stream, Vol. 12, p. 307. 1879.
   ——. Forest and Stream, Vol. 12, p. 385. 1879.

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